

Appl. No. 10/813,790
Response Dated September 22, 2006
Reply to Office Action of May 25, 2006

Amendments to the Specification:

Please replace the current title with the following title:

METHOD AND APPARATUS TO PERFORM RECONFIGURABLE
PARALLEL PROCESSING

Please replace the abstract with the following amended paragraph:

Method and apparatus to perform reconfigurable parallel processing are described
wherein a switch, connected to the control units and data paths, may be configured to
establish a first set of connections between a plurality of control units and a plurality of
data paths to execute a first process using single instruction multiple data processing, and
a second set of connections between the control units and the data paths to execute a
second process using multiple instruction multiple data processing.